



A COMPANY
OF FAITH

WE PROVIDE

- SHIP REPAIR
- SPARE PARTS
- DECK STORE
- ENGINE STORE
- BUNKER SUPPLY
- LOAD TEST
- SHIPPING AGENCY

E MARINE SERVICES



E Marine Services





For over 10 years E Marine Services (EMS) has been the alternative when the original equipment manufacturer is unable to meet the budget or the time frame available. Responding to customer needs year after year, we have added service locations and developed a range of services with a quality that is recognized as second to none. As an engine specialist we service and repair a wide range of diesel engines and related equipment. Through in place machining we eliminate downtime associated with the disassembly, transportation and re-installation of machinery. To meet new environmental regulations we help plan and install green technology solutions that prolong the life-time of valuable assets. Our customers see **EMS** as a solution driven partner in avoiding revenue loss when the unexpected occurs. Responding quickly to critical situations with services of predictably high quality has earned us a strong position with decision makers who focus on the value of uninterrupted operation. We work closely with leading equipment manufacturers. However, we are clearly independent to leave no doubt that our loyalty belongs to our customers.

We are a team of Marine Engineers with a wealth of experience at both sea and shore. We arrange and supervise repairs to vessels calling at Chittagong / Mongla port , Bangladesh.

ENGINE AND AUXILIARIES

- REPAIR AND INSTALLATION OF MAIN AND AUXILIARY MACHINERY
- MAIN ENGINE TROUBLE SHOOTING AND IT'S RELATED SERVICES
- INSTALLATION AND REPAIR OF AUXILIARIES
- PUMP, AIR COMPRESSOR, PURIFIER, ETC REPAIR AND INSTALLATION
- ALL TYPES OF PIPE LINES AND VALVES
- BOILER TUBE REPAIR, CLEANING AND RE-TUBING
- SEWAGE TREATMENT PLANT, OILY WATER SEPERATOR
- HEAT EXCHANGER CLEANING, REPAIR AND INSTALLATION
- AIR CONDITIONING PLANT AND DOMASTIC FRIDGE SERVICING
- ALL TYPES OF BLOWER AND FAN REPAIR AND SERVICING



AUXILARY ENGINE OVERHAULING



MAIN ENGINE OVERHAULING



MAIN ENGINE LINER INSPECTION

AIR COMPRESSOR REPAIR

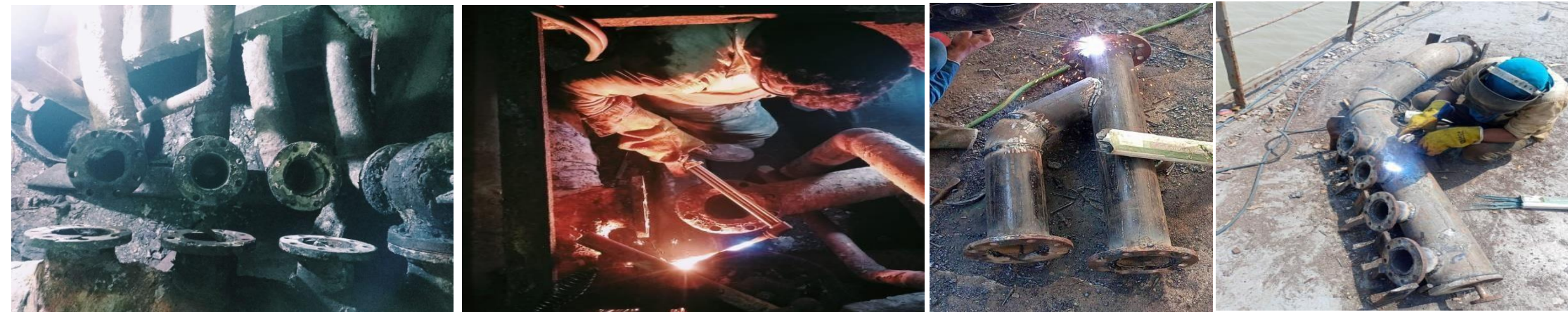


PUMP AND TURBO CHARGER REPAIR



PURIFIER OVERHAULING





ENGINE ROOM PIPE REPAIR



BOILER RETUBING WORK

STEEL & PIPE FABRICATION AND REPAIR

In addition to our complete range of engine and In- Situ machining services have highly skilled and capable teams of welders, fabricators or repair challenges in a most efficient manner.

EMS welders are trained and certified to meet the highest standards of marine fabrication and repairs whether it be steel, aluminum or other special material. The teams are licensed and approved by major classification societies along with the required welding procedures.

E MARINE SERVICES

Our teams are equipped for on-side or voyage fabrication and repair on all aspects of new structural Fabrication, Repairs and Piping system repairs. EMS modern workshop facilities cater to all Workshop fabrication needs and our teams have fabrication and repair experience.

EMS is intimately familiar with the requirements associated with the complex steel work and piping systems in the marine environment and have acquired a reputation for quality and skilled workmanship with our customers and class societies.

EMS can quickly mobilize experienced teams and machinery to address your requirements in a fast, safe and professional manner class approved teams and procedures.



EMS FIELD

- ***Cranes, Jibs, Davits and Foundation***
- ***Cargo Hold and Hatch Covers.***
- ***Corroded Cargo Tanks.***
- ***Ballast Tanks,***
- ***Handrails, Ladders, Platforms***
- ***Accommodation/ Living Quarters***
- ***Cargo manifolds***
- ***Deck Pipelines,***
- ***IG system,***
- ***Cargo and pump room pipe lines***
- ***CO2 systems***
- ***Steam piping***
- ***Heating Coils***
- ***High Pressure Hydraulic Lines***
- ***High Pressure testing***
- ***Fire Extinguisher***



DECK SITE REPAIR

- **Certified Welders and Supervisors**
- **class Approved welding and repair procedures.**
- **Fully equipped workshops and modern equipment**
- **Full range of welding services: ARC, Stainless steel, TIG, MIG etc.**
- **Ability to mobilize teams (large and small) on short notice.**



E MARINE SERVICES



DECK PIPE WORK



HATCH COVER HAYDRAULIC REPAIR





Presence

We are right where you need us

Response

We are always geared up to respond

Precision

We get it right the first

SHORE BASED WORK

Our office is manned by ex-seagoing engineers who are well aware of the problems associated with the logistic and Repair of vessels. We have already carried out a significant number of repairs for many satisfied owners and Ship managers around the world. Our connection with local professional repair companies means a fast, efficient and cost-effective solution, with the minimum of fuss.

POWER PLANT

We have already carried out a significant number of repairs and supplies for many satisfied power plant company all over the country. Our connection with local professional repair and supply companies means a fast, efficient and cost effective solution, with the minimum of cost.

INDUSTRIAL SOLUTION

We have vast professional and skilled people who are dedicated to their work with good effective cost, satisfying the customer.

E MARINE SERVICE



E MARINE SERVICES

EMS at a glance:

EMS workshop can provide directly a variety of works such as:

- ☐ Technician Teams for overhauling on board
- ☐ Pump / Air cooler Machinery Equipment
- ☐ Hydraulic equipment
- ☐ Main Engine & Diesel Generator overhauling:
- ☐ Piston Crown
- ☐ Piston Skirt
- ☐ Piston cover
- ☐ Piston Rod
- ☐ Exhaust Valve Spindle / Seats
- ☐ Connecting Rod
- ☐ Heater Ex-changer Re-tubing
- ☐ All kind of Pumps Recondition, Impeller
- ☐ Hydraulic Motor Recondition, Filters
- ☐ During Dock Repair workshop can provide: Crankshaft machining, Line Boring of Engine Bed plates block,
- ☐ All kinds of Valves.



EMS RECONDITIONING SERVICES



- Cylinder liners
- Piston crowns/skirts
- Cylinder heads/covers
- Heat ex-changers
- Cargo & service pumps
- Governors
- Re babbiting of white metal bearings and stern tubes
- Reconditioning of damaged crankshafts
- Turbocharger repairs and balancing
- Fuel injectors, nozzles, valves and pumps
- PISTON Rods/Connecting Rods
- Exhaust valve spindles, seats and cages

EMS is continuously focused on helping owners and operators of large diesel engines reduce the life cycle costs of their assets.

EMS reconditioning services help customers extend the service life of critical engine components and avoid the premature purchase of new replacement parts.

For over 10 years EMS has presented a cost effective option to the makers worldwide. Our reconditioning experience is build upon disciplined and well tested processes and Procedures and all reconditioned components undergo nondestructive quality testing performed at various stages in the process.

EMS strives to recondition and return components in the fastest time possible but when timelines are tight, exchanges from EMS large stock of reconditioned components can often be made to keep downtime to a minimum.



REBA BITING WHITE METAL BEARINGS & STERN TUBES



Cross head bearing
Intermediate bearing
Turbine bearing
Pump bearing
Main gear bearing
Thrust pad for main shaft, turbine and crank shafts
Stern tube bearings



- ▶ Specially designed tools and machinery for re-babbiting
- ▶ Customized procedures and specially trained technicians to complete the job.
- ▶ The ability to undertake bearings from 50mm to over 1000mm diameter.
- ▶ The vast experience of having rebabbitted over 100000 bearings
- ▶ Precision machining of bearings to suit dimension drawings.
- ▶ Library that includes specification / drawings for most engines
- ▶ Ample white metal stock in inventory
- ▶ Component non destructive testing technicians to undertake bond testing.
- ▶ Assistance in obtaining Marine classification services for inspection and certificate of re-metallic bearing.

For over 10 years EMS has been a leader in the centrifugal casting of white metal bearings for marine, Stationary power and industrial application.

Every year EMS stations around the globe recondition thousands of bearings with the most exacting tolerances. EMS was a pioneer in the field, developing proprietary centrifugal casting machinery to meet the highest tolerances and quickly repair and recondition bearings.

We specialize in saving our customers time and money by reconditioning worn and damaged bearings with the quickest possible turnaround times. Our focus is always minimizing the downtime of your equipment and helping avoid the acquisition costs of new replacement bearings. After casting, every bearing is machined to the makers' specifications and shipped back in a like new condition.



RECONDITIONING OF 2 AND 4 STROKE DIESEL ENGINE COMPONENTS



Ems reconditioning services

Full NDT inspection

Hardness removal via annealing crankshaft

Grinding and polishing crankshaft

Straightening

Ems is a market leading capabilities to machine crankshafts in place,

Ems has a long history of recondition of damaged crankshaft in our work shop.

Over the years, ems has refined a process for annealing crankshaft and other shafting to remove excessive hardness.

E MARINE SERVICES





CYLINDER LINER NDT & CALIBARATION





KEY PERSONAL



**Engineer
Mozammel Haque
Operation Director**



**Mr. Md. Faruq
Technical Superintendent**



**Rumman Arefin
Deputy General Manager
Admin & Operation**



**Mr. Pravath Nath
Sr. Technical Officer
Ship Repair**



**Nahidul Islam
Accounts Officer
Finance**



**Rumana Rashid
Executive
Operation**



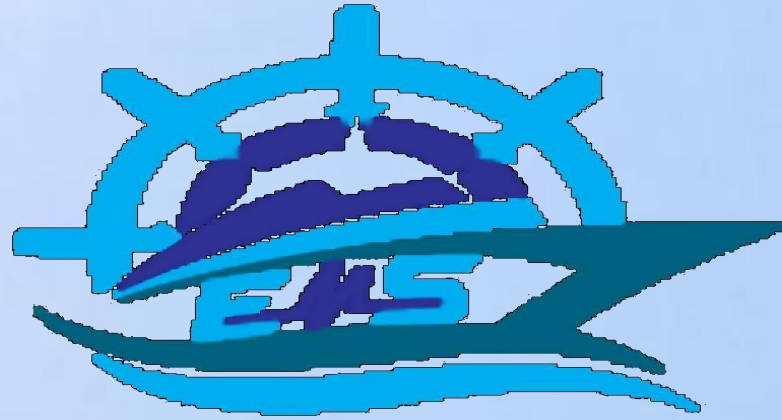
**Reema Akter
Executive
Operation**



**Sadman Siddiqui
Executive
Repair**



**Sazzadul Islam Joy
Executive
Operation**



E M A R I N E S E R V I C E S

ADDRESS

E MARINE SERVICES

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Website: www.emarineservices.com